

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Shiloh Church Road Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #12
Shiloh Church Road Site
A38Q
Nathalie, VA
Latitude: 36.9699000 Longitude: -78.9807000

To: Lauren Pillow, VDEQ
Ray Earp, VDEM
Mr. Steven Dishman, Halifax County
Briana Bill, VDH

From: Christine Wagner, OSC

Date: 9/2/2019

Reporting Period: 8/26/19-8/30/19

1. Introduction

1.1 Background

Site Number:	A38Q	Contract Number:	
D.O. Number:		Action Memo Date:	5/23/2019
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:		Start Date:	6/27/2018
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category -- Removal Action

1.1.2 Site Description

The Shiloh Church Road Site consists of three privately owned parcels of property. Two of the properties were historically used for a salvage yard and convenience store. During EPA's Removal Assessment, hazardous substances including, but not limited to PCBs, lead, and radioactive debris were identified. The assessment also revealed the presence of battery casings containing lead third property. The source of the hazardous substances on the third property are related to the other two properties.

1.1.2.1 Location

The Site is located near the intersection of LP Bailey Highway and Shiloh Church Road in Nathalie, Virginia, an unincorporated area of Halifax County.

1.1.2.2 Description of Threat

Elevated levels of volatile organic contaminants in drinking water wells above EPA Maximum Contaminant Levels ("MCLs")
Elevated levels of PCBs in surface soils;
Elevated levels of lead in surface soils;
Drums, cylinders, and other containers which contain hazardous substances;
Debris and soil which contain radioactive substances.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

A removal assessment indicated that hazardous substances are present which pose an imminent and substantial threat to public health, welfare, and the environment.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

In May and July of 2018, EPA performed a removal assessment at three properties near the intersection of LP Bailey Highway and Shiloh Church Road.

The results of the Removal Assessment indicated the presence of hazardous substances which meet the criteria listed in 40 CFR 300.415b. An Additional Funding Request Exemption from Statutory Limits and Request for Exemption to the 12-Month Statutory Limit and Change in Scope of Work was signed by the Superfund and Emergency Management Director on May 23, 2019.

2.1.2 Response Actions to Date

1. Radiation Debris: ERRS received analytical from RadDrum #1 and B-25 Boxes 1&2 of soil. All samples were sent to ALS lab for full gamma spectroscopy, SVOCs, VOCs, ignitability, inorganics, paint filter test, and PCBs. PCBs were found in all 3 samples ranging from 270-380 mg/kg. Lead was also present in quantities which designate
2. Soil Pile #2 – Analytical results from Soil Pile #2 were received. PCB concentration was less than 50 mg/kg, so this waste does not require TSCA disposal.
3. PCB-contaminated spot areas: EPA received information regarding PCB debris. PCB debris will need to be disposed by macroencapsulation.
4. Containers: 11 cylinders were collected from around Property #1 and moved to drum staging area.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The source of the potential contamination has not been identified. EPA is working with enforcement officials to develop an enforcement strategy. START is collecting any debris which contains markings. The markings are being documented for possible future PRP response. The OSC coordinated with EPA Cost Recovery personnel this week to obtain additional information regarding nearby properties.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal

2.2 Planning Section

2.2.1 Anticipated Activities

Soil/debris areas which exceed 50 mg/kg PCBs and/or RCRA metals will be excavated and staged in the applicable staging areas.

2.2.1.1 Planned Response Activities

The response actions will include removal of the hazardous substances identified in the Action Memo.

2.2.2 Issues

Proactive actions to remove visible PCB articles resulted in analysis of Pile #2 has having <50 mg/kg. This strategy can be considered a best practice for delineating the Site waste to the extent possible.

All personnel demobed for the Labor Day Holiday weekend. No Site operations are scheduled for 8/30-9/2. Operations will resume on Tuesday 9/3/19.

2.3 Logistics Section

Measurements were taken from the staging area which is currently being rented. Area of use is 9600 square feet. EPA is renting this property for a safe staging area of equipment. During EPA's use of the property, the property owner will not have full and complete access, so a rental agreement was arranged.

2.4 Finance Section

A modification to the ERRS Task Order was made on 6/29/19, raising the ERRS Site ceiling to \$686,000. A new Removal TDD was assigned to START. The new ceilings are noted below. The accounting listed below reflects the funding authorized in the May 23, 2019 Decision Document.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$686,000.00	\$440,716.00	\$245,284.00	35.76%
START	\$239,725.00	\$104,675.00	\$135,050.00	56.34%
Intramural Costs				
Total Site Costs	\$925,725.00	\$545,391.00	\$380,334.00	41.08%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any

contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

EPA received results of 3 days of personal air sampling. All results were negligible. The results were reviewed by both ERRS and START H&S Officers. All agreed operations could be downgraded to modified level D.

2.5.2 Liaison Officer

2.5.3 Information Officer

EPA CIC updated the Site Community Involvement Plan

3. Participating Entities

3.1 Unified Command

Halifax County -Halifax County Emergency Management
Virginia Department of Health
Virginia Department of Radiological Health
Virginia Department of Environmental Quality
Virginia Department of Emergency Management
EPA

3.2 Cooperating Agencies

ATSDR

4. Personnel On Site

EPA - 1
ERRS - 8
START - 4

5. Definition of Terms

ARARs - Applicable, Relevant, and Appropriate Requirements
ATSDR - Agency for Toxic Substances Disease Registry
EPA - US Environmental Protection Agency Region 3
EPA ERT - Environmental Protection Agency Environmental Response Team
ER - Environmental Restoration LLC (EPA's cleanup contractor)
ERRS - Emergency Response and Rapid Services (Contractor)
HASP - Health and Safety Plan
MCL - Maximum Contaminant Level for Public Drinking Water Supplies
PCE - Perchloroethylene, (also known as tetrachloroethylene)
START - Superfund Technical Assistance Response Team (EPA Contractor)
SVOC - Semi-volatile organic contaminants
TCE - Trichloroethylene
VDH - Virginia Department of Health
VDEM - Virginia Department of Emergency Management
VDEQ - Virginia Department of Environmental Quality
VOC - Volatile Organic Contaminants

6. Additional sources of information

6.1 Internet location of additional information/report

response.epa.gov/ShilohChurchRoadSite

7. Situational Reference Materials

No information available at this time.